

## Curable composition

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### Also published as:

US6437045 (B1)  
 TR200003237 (A2)  
 JP2001200200 (A)  
 CA2325271 (A1)  
 EP1099730 (B1)

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### Cited documents:

WO9414906  
 US57770268  
 XP002155774  
 SU1792956

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### Abstract of EP1099730

A powder paint composition comprises a binding agent, preferably a carboxyl group containing polyester and/or poly(meth)acrylate and one or more epoxy resins that are solid at 25 degrees C. A powder paint composition (I) comprises a binding agent, preferably a carboxyl group containing polyester and/or poly(meth)acrylate and one or more epoxy resins that are solid at 25 degrees C and of formula (1). An independent claim is included for a process for the production of compounds of formula (1) where (A) is of formula (3), (B) is an x-valent organic group, derived from a hydroxyl compound with at least x hydroxyl groups where x is at least one, by trans-esterification of a cyclohexene-3-carboxylic acid ester with an alcohol of formula B(OH)<sub>x</sub> in the presence of LiNH<sub>2</sub> with removal of the byproduct alcohol from the mixture and epoxidation of the carbon-carbon double bonds of the resulting ester product. B = an x valent organic group derived from a polyol compound with at least x hydroxyl groups by removal of the hydroxyl groups; E = a 2x valent organic group derived from a polyol having at least 2x hydroxyl groups by removal of 2x hydroxyl groups; D = a(y+2z) valent group, derived from a polyol having at least (y+2z) by removal of (y+2z) hydroxyl groups; R<1>, R<5> = H, halogen, 1-4C alkyl or alkoxy or together a methylene group; R<2>, R<3>, R<4>, R<6>, R<7>, R<8>, R<9> = H, halogen, 1-4C alkyl or alkoxy; x, x = > 3; y, z = (x-1)-(x-y)

**Family list****20** family members for:**EP1099730**

Derived from 18 applications.

- 1 HÄRTBARE ZUSAMMENSETZUNG**  
Publication Info: **AT248898TT** T - 2003-09-15
- 2 Curable composition**  
Publication Info: **AU6970200** A - 2001-05-17
- 3 Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: **BR0005328** A - 2001-06-12
- 4 CURABLE COMPOSITION**  
Publication Info: **CA2325271** A1 - 2001-05-10
- 5 Solidifiable compositions**  
Publication Info: **CN1296047** A - 2001-05-23
- 6 Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: **DE50003515D** D1 - 2003-10-09
- 7 Curable composition**  
Publication Info: **EP1099730** A1 - 2001-05-16  
**EP1099730** B1 - 2003-09-03
- 8 Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: **ES2204486TT** T3 - 2004-05-01
- 9 CURABLE COMPOSITIONS**  
Publication Info: **HU0004455** A2 - 2001-06-28  
**HU0004455D** D0 - 2001-01-29
- 10 CURABLE COMPOSITION**  
Publication Info: **JP2001200200** A - 2001-07-24
- 11 CURABLE COMPOSITION**  
Publication Info: **MXPA00011038** A - 2003-06-06
- 12 HARDENABLE COMPOSITIONS**  
Publication Info: **PL343719** A1 - 2001-05-21
- 13 COMOSICAO ENDURECIVEL**

Publication Info: [PT1099730T](#) T - 2004-01-30  
**14 Powder coating of carboxy polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: [TR200003237](#) A2 - 2001-07-23

Publication Info: [TR200302079T](#) T4 - 2004-01-21  
**15 Powder coating of carboxy polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: [TR200302079T](#) T4 - 2004-01-21

Publication Info: [TW515829](#) B - 2003-01-01  
**16 Powder coating compositions based on epoxy compounds and a process for preparing an epoxy compound**  
Publication Info: [US6437045](#) B1 - 2002-08-20

Publication Info: [US2003149193](#) A1 - 2003-08-07  
**17 Powder coating of carboxy polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: [US6437045](#) B1 - 2002-08-20

**18 Curable composition**  
Publication Info: [US2003149193](#) A1 - 2003-08-07

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